

VISO SYSTEMS

LabSpion

Assembly Manual

Revision: 15SEP2022



Congratulations on purchasing your new Viso Systems product. Before using this product, please read the Safety Information.

This manual contains descriptions and troubleshooting necessary to install and operate your new Viso Systems product. Please review this manual thoroughly to ensure proper installation and operation.

For news, Q&A and support at Viso Systems, visit our website at www.visosystems.com

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1. Package content and weight

Main components/assemblies

Base – 28Kg



Tower – 13Kg



Stand – 20kg



C-Plane Head – 6 kg



REF-800 - 1 kg



Tripod – 5 kg



C-Plane Bracket – 3 kg



Cali T50 – 3 kg



Sensor – 8 Kg



Other components included in the package:

Lamp Holder E27 – 0,5 kg



Cross Hair Laser - 0,5 kg



Laser Distance Plate - 0,1 kg



Assembly parts and cables

1 x IEC 2m Cable



1 x USB 5m Cable



1 x RJ45 3m Cable



1 x RJ45 25m Cable



2 x Steel Rod with angle



1 x Steel Rod



4 x Caps for Steel Rod



3 x Handles for base



2 x Handles for Lamp Brackets



2 x Lamp Brackets



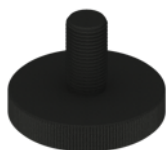
2 x Spacer for Lamp Brackets



8 x Spacer for C-Plane



3 x Screws for Base



8 x Screws for C-Plane



2 x Thumb screws for Laser distance Plate



Adaptors: E14, B22, GU10



2. Package dimensions and weight

Shipping Packages	Shipping Dimensions	Shipping Volume	Weight
1. Sensor + Cali	560 x 565 x 350 mm	0.111 m ³	6 kg
2. Base	510 x 510 x 220 mm	0.057 m ³	27 kg
3. Bracket + Tripod + Assembly Parts	1,655 x 295 x 320 mm	0.156 m ³	8 kg
4. Tower + C-plane Gonio	455 x 350 x 1,180 mm	0.188 m ³	25 kg
5. Stand	610 x 605 x 820 mm	0.814 m ³	24 kg

Total shipping weight: 90 kg.

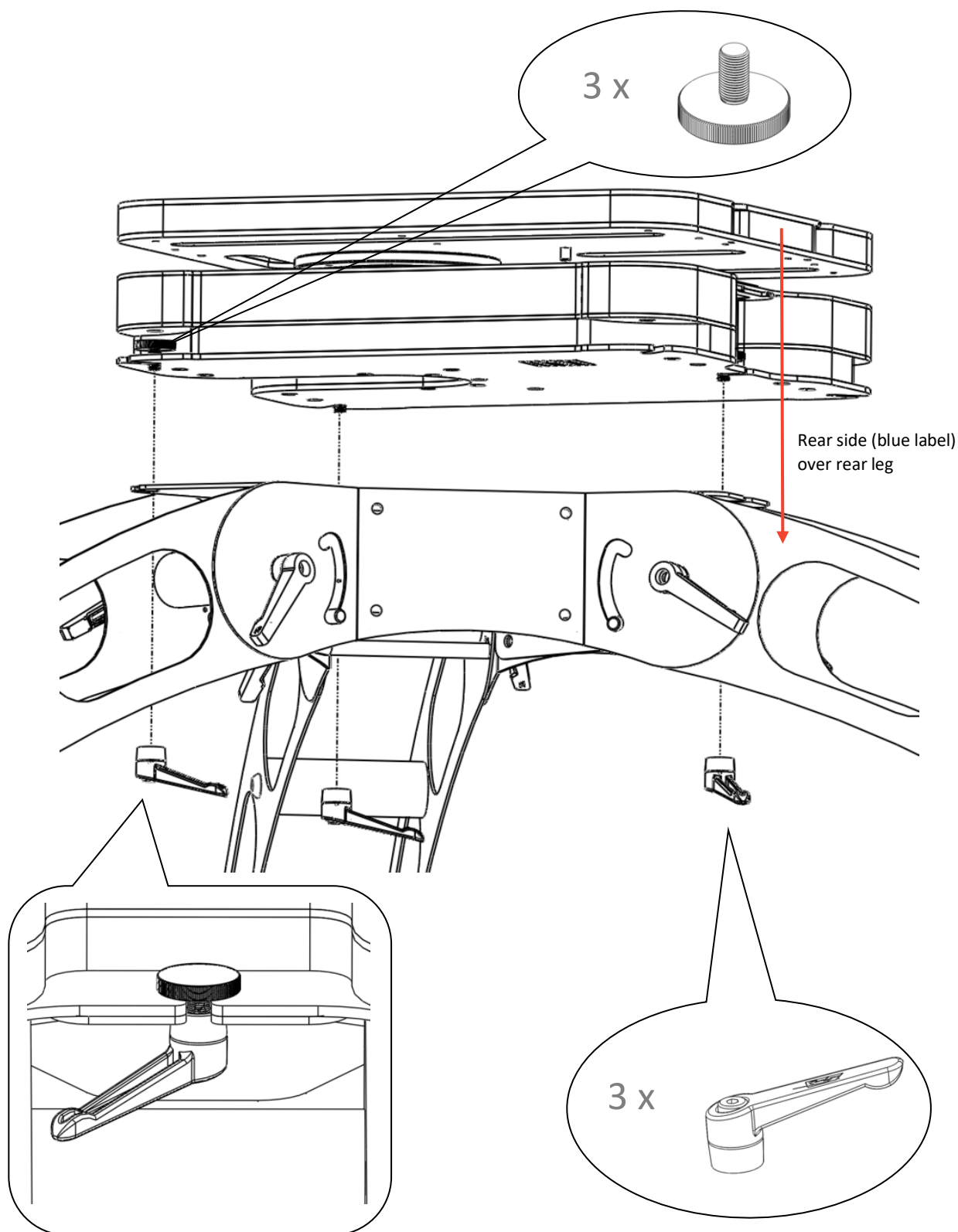
Total shipping CBM: 1,814 m³

The shipment is done in a total of 5 packages.

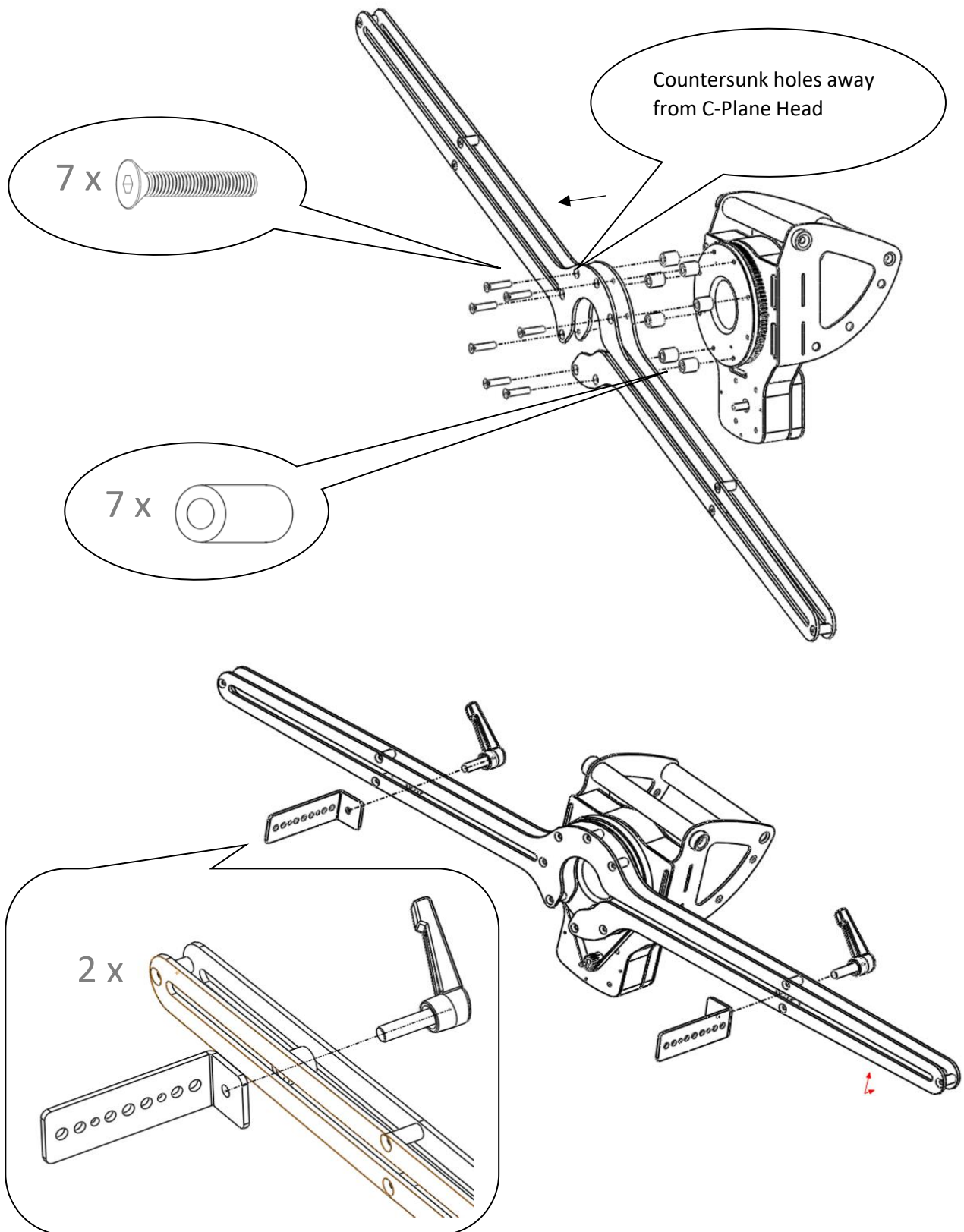
Dimensions on a single pallet: L:168 W:90 H:120

3. Assembly

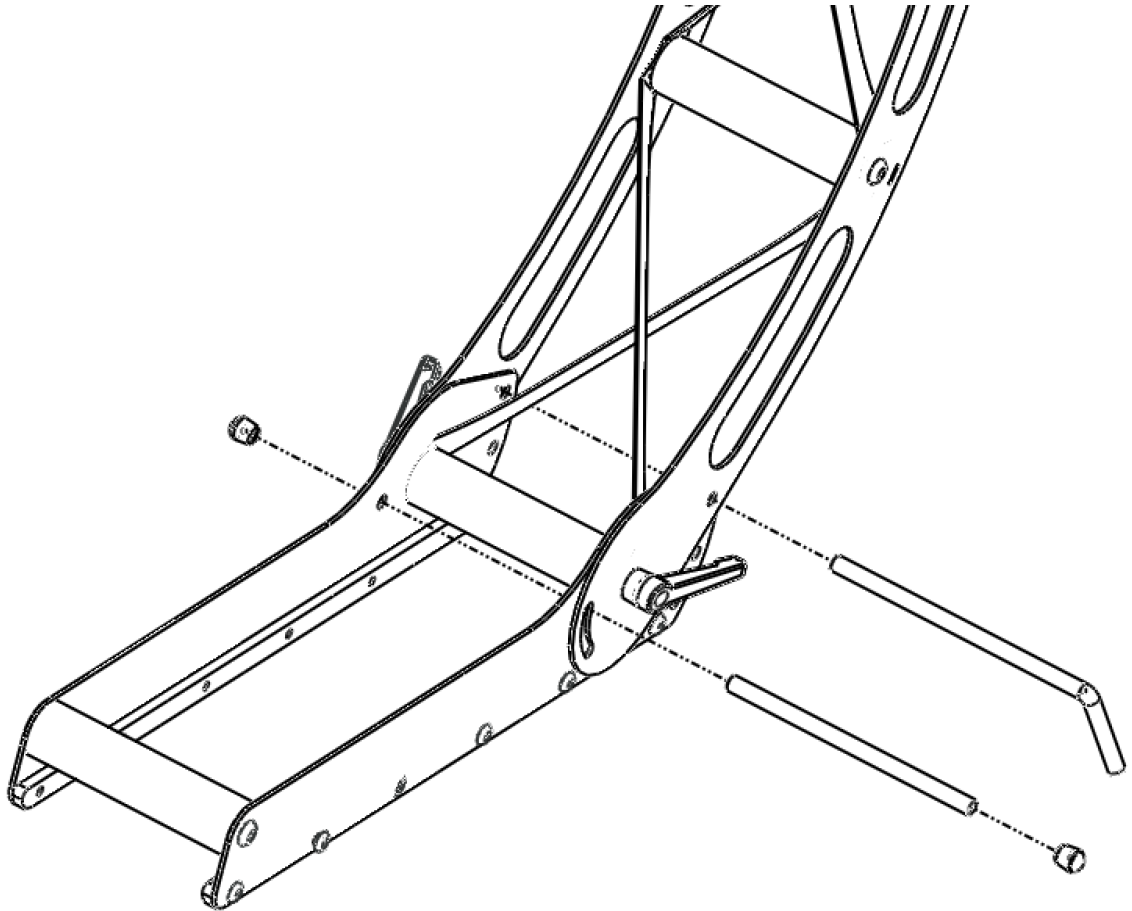
3.1. Mount Base on Stand



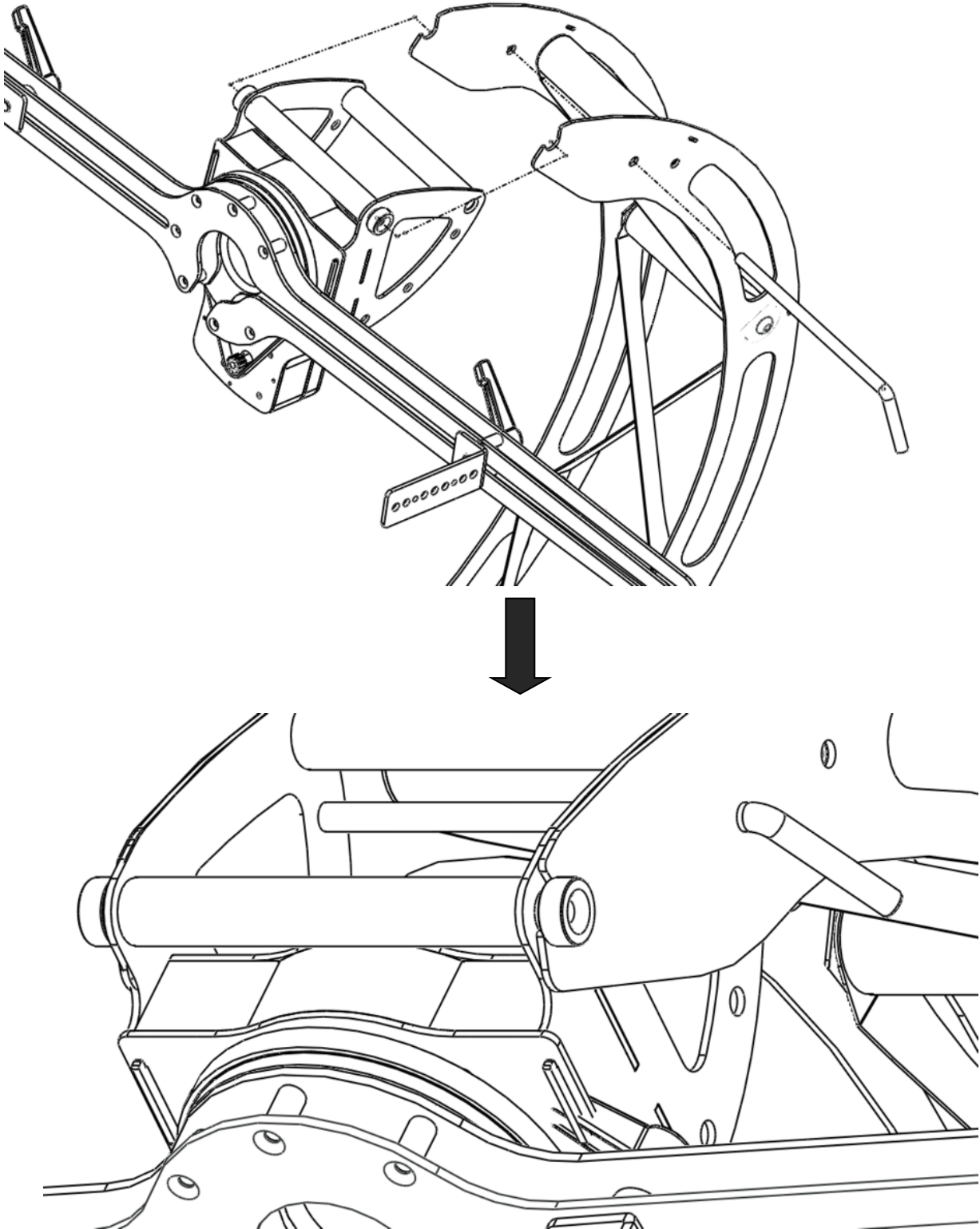
3.2. Assemble C-Plane Gonio – Lamp Bracket



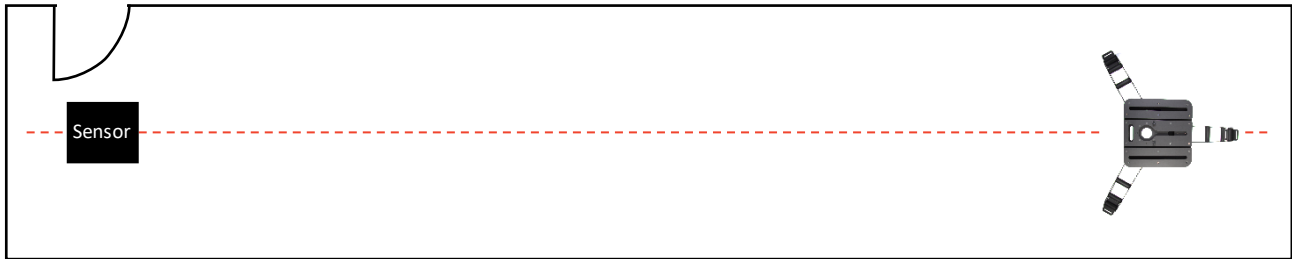
3.3. Attach Steel Pins to Tower



3.4. Tower + C-Plane Gonio

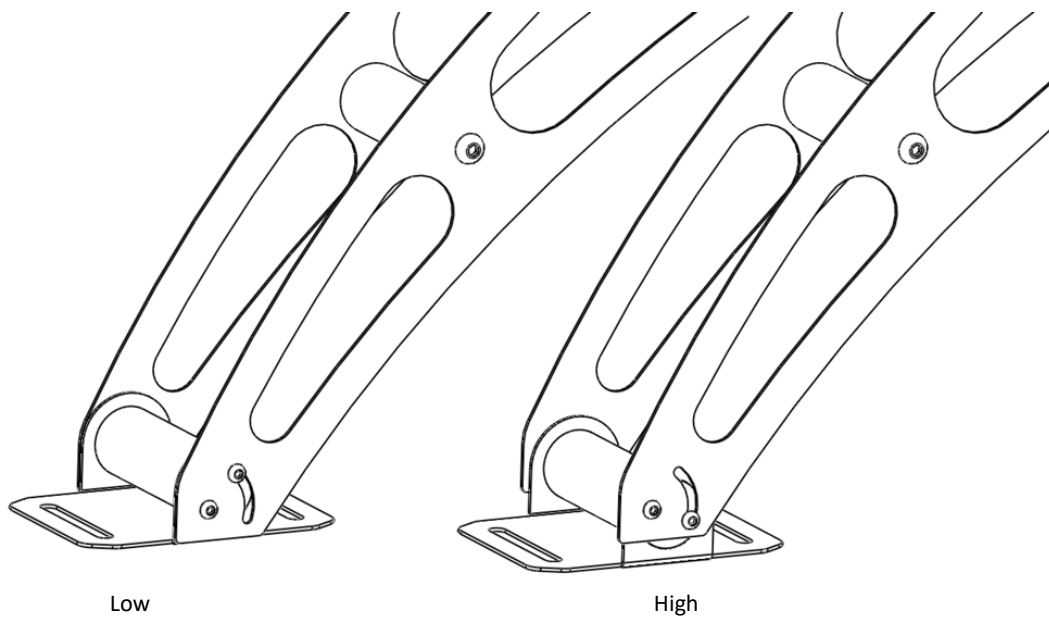


3.5. Place on floor

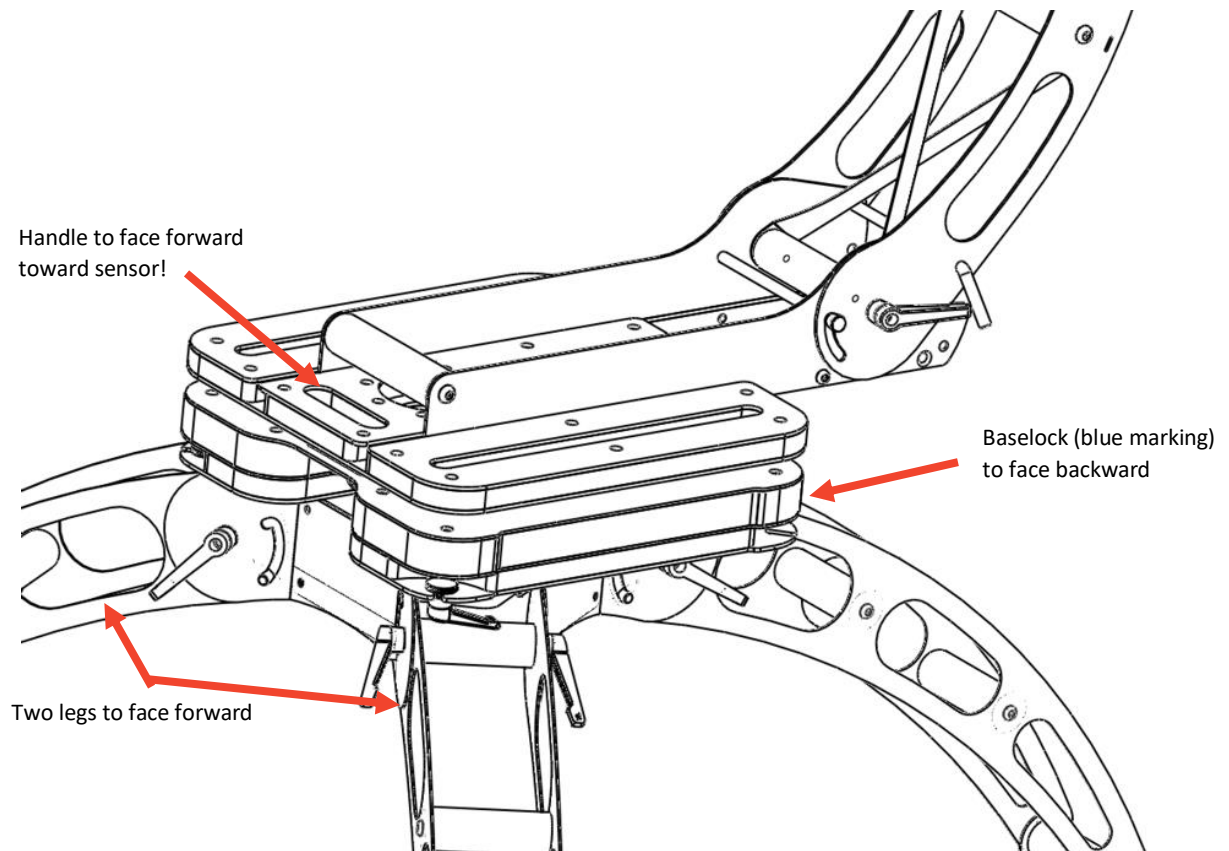


Place the gonio in one end of the laboratory space – one leg and base lock turned toward the back wall.

3.6. Level Base



3.7. Slide Tower onto the Base



3.8. Mount Sensor on Tripod



her details.

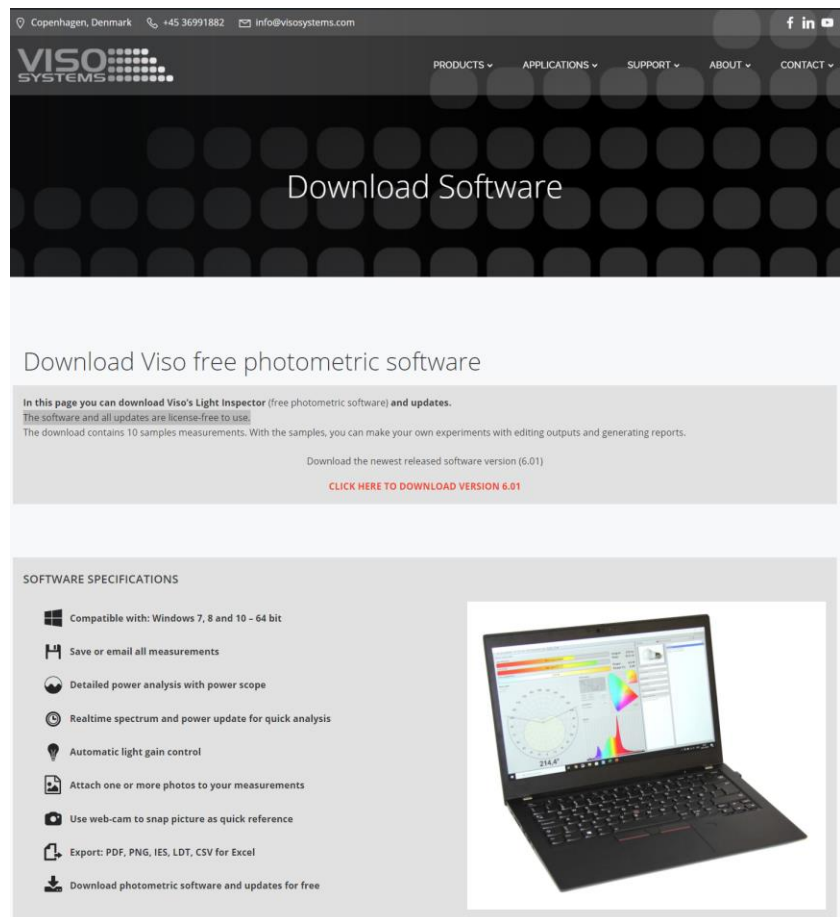


4. Software

4.1. First download

Please download the latest released software (Viso Light Inspector) version to your PC to run your new goniospectrometer solution. You will find the software here:

<https://www.visosystems.com/download-light-inspector/>



The full software and all updates are license-free to use. You may download the software to as many PC's as you wish.

4.2. Software updates

Viso Systems leases software updates 2-4 times per year. Update your software to gain access to system improvements and new features. All new software updates are back compatible with existing Viso units. Your system will continue working also without updating.